INTISARI

Penelitian "Pengaruh Macam Media Tanam dan Takaran Pupuk Bokashi terhadap Hasil Selada (*Lactuca sativa* L.)" ini bertujuan untuk menentukan kombinasi perlakuan jenis media tanam dan takaran pupuk bokashi yang mampu memperbaiki pertumbuhan dan hasil selada terbaik. Penelitian ini dilaksankan di Balai Penyuluhan Pertanian, Pangan dan Perikanan Wilayah V, Pakem, Kabupaten Sleman, Daerah Istimewa Yogyakarta mulai dari penanaman hingga panen pada 23/4/2019 – 19/6/2019. Media tanam yang digunakan dalam penelitian ini ada tiga yaitu *cocopeat*, arang sekam, dan humus serasah daun bambu. Jenis pupuk yang akan digunakan adalah bokashi daun dengan takaran kontrol (pupuk kimia), 2, 4, 6, 8 ton ha^{-1}. Penelitian ini dilakukan dengan *split plot design* faktorial 3 x 5. Faktor utama yaitu jenis media tanam dan anak faktor yaitu takaran pupuk bokashi. Ada 15 kombinasi perlakuan yang diulang 3 kali. Data yang diperoleh selanjutnya dianalisis menggunakan Analisis Varian (ANOVA) pada tingkat 5 % untuk rancangan faktorial petak terbagi yang disusun dalam rancangan blok lengkap teracak. Kombinasi perlakuan humus serasah daun bambu dengan takaran pupuk bokashi daun takaran 8 ton ha^{-1} per polibag mampu hasil pada variabel bobot segar tajuk, bobot kering tajuk, bobot kering akar, bobot segar total panen, bobot kering total panen, dan indeks konsumsi. Media tanam humus serasah daun bambu memberikan produksi bobot segar dan kering total panen lebih besar yaitu 1,67 dan 0,07 ton ha^{-1} dibandingkan dengan hasil pada media tanam *cocopeat* (0,31 dan 0,02 ton ha^{-1}) dan arang sekam (1,67 dan 0,06 ton ha^{-1}). Takaran pupuk bokashi daun 8 ton ha^{-1} memberikan produksi bobot segar dan kering total panen lebih besar yaitu 0,57 dan 0,06 ton ha^{-1} dibandingkan hasil pada takaran kontrol (bobot segar total 0,84 dan bobot kering total 0,02 ton ha^{-1}); 2, 4, dan 6 ton ha^{-1} (bobot segar toal 0,84 - 1,22 ton ha^{-1} dan bobot kering total 0,05 - 0,06 ton ha^{-1}).

Kata kunci: media, bokashi, selada

ABSTRACT

Study on "The Effect in a Various Kinds of Planting Media and Doses of Bokashi Organic Fertilizer on Growth Response and Yield of Lettuce (*Lactuca sativa* L.)" aims to determine the combination of the type of planting media and the dosage of bokashi fertilizer that can improve growth and yield of lettuce. The research was conducted at Balai Penyuluhan Pertanian, Pangan dan Perikanan Wilayah V, Pakem, Kabupaten Sleman, Daerah Istimewa Yogyakarta from planting to harvesting on 23/4/2019 – 19/6/2019. There were three planting media used in this study there were cocopeat, husk charcoal, and humus bamboo leaf litter. The type of fertilizer used was control (chemical fertilizer) and leaf bokashi from Trubus farm shop with a dose of 2, 4, 6, and 8 tons ha^{-1}. Lettuce used in this study was curly lettuce seed. This research was conducted with a split plot design factorial 3 x 5 with the main factor is the type of planting media and second factor is the dose of bokashi fertilizer. There were 15 treatment combinations that were repeated 3 times. The data were obtained then were analyzed using Variant Analysis (ANOVA) at the 5% level for the factorial design of divided plots arranged in a completely randomized block design. The combination of bamboo leaf litter topsoil treatment with a dose of bokashi leaf fertilizer 4, 6, and 8 tons ha^{-1} per polybag can increase the yield of lettuce. The dose of bokashi fertilizer 8 tons ha^{-1} increases the yield on the variable canopy fresh weight, canopy dry weight, root dry weight, total fresh harvest weight, total harvest dry weight, and index consumption. The bamboo leaf litter topsoil growing media gave a higher total fresh and dry weight productivity of 1.67 and 0.07 tons ha^{-1} compared to yields on cocopeat (0.31 and 0.02 tons ha^{-1}) and charcoal husk (1.67 and 0.06 tons ha^{-1}). The dosage of bokashi leaf fertilizer from the agricultural shop Trubus 8 tons ha^{-1} gives a greater total fresh and dry weight productivity, is 0.57 and 0.06 tons ha^{-1} compared to the results at the control dose (total fresh weight 0.84 and dry weight a total of 0.02 tons ha^{-1}); 2, 4, and 6 tons ha^{-1} (total fresh weight of 0.84 - 1.22 tons ha^{-1} and total dry weight of 0.05 - 0.06 tons ha^{-1}).

Keywords: planting media, bokashi, lettuce